

WHAT IS CLAIMED IS:

1. A bag for a fluid displacement device, said bag comprising a bag-carrying assembly, a bag carrying arrangement and an opening adjacent to said bag-carrying arrangement for receiving a fluid-displacement portion of the fluid displacement device for entraining fluid and any elements within said fluid therein.
2. A bag according to claim 1, wherein said bag-carrying assembly is provided at a top portion thereof.
3. A bag according to claim 1, wherein said fluid-displacement portion comprises a discharge portion.
4. A bag according to claim 1, wherein said bag comprises air vents.
5. A bag according to claim 4, wherein said air vents comprise perforations.
6. A bag according to claim 1, wherein said bag-carrying assembly comprises a bag-carrying member.
7. A bag according to claim 6, wherein said bag-carrying member comprises a strap member.
8. A bag according to claim 1, wherein said bag-carrying arrangement comprises an inlet configured to receive a

support member therein, said support member configured to receive a strap member.

9. A bag according to claim 8 wherein said support
5 member comprises an elongate member selected from the group consisting of a hollow structure, a solid structure, a casing, and a collar.

10. A bag according to claim 8, wherein said inlet is defined between two adjacent seams.

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11. A bag according to claim 10, wherein said two adjacent seams comprise upper and lower seams, said lower seam comprising a downward portion providing for said opening to comprise a downward arrangement.

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12. A bag according to claim 9, wherein said two adjacent seams comprise upper and lower seams, said lower seam comprising an upward oblique portion providing for said opening to comprise an upwardly slanted arrangement.

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13. A bag according to claim 6, wherein said bag carrying member is mountable to said support member.

14. A bag according to claim 12, wherein said bag
25 carrying member comprises a shoulder strap, said support member comprising an elongate member.

15. A bag according to claim 14, wherein said shoulder strap is mounted on said elongate member.

5 16. A bag according to claim 15, wherein said strap comprises a hook member, said elongate member comprising a corresponding aperture.

10 17. A bag according to claim 15, wherein said strap member comprises a clip member for being clipped on said elongate member.

15 18. A bag according to claim 14, wherein said inlet includes an opening for exposing a portion of said elongate member in said inlet, said strap member being mountable to said exposed portion of said elongate member.

20 19. A bag according to claim 14, wherein said strap member includes a hook member said exposed portion of said elongate member including an aperture for receiving said hook member.

25 20. A bag according to claim 8, wherein said support member comprises securing-member for securing said bag to said discharge portion and about said opening.

21. A bag according to claim 20, wherein said securing-member is selected from the group consisting of an adjustable band forming a loop, a fastener, a strap, a string, an

alligator-type clamp, a wide jaw clamp, a clip, a ring, a lock, a fixed size collar, an adjustable size collar and combinations thereof.

22. A bag according to claim 20, wherein said
5 support member comprises a member selected from the group of hollow elongate member comprising a securing member comprising a band and of clamp member comprising a securing member comprising cooperating jaws.

10 23. A bag according to claim 22, wherein said elongate member includes an aperture at one longitudinal end thereof, said band being mounted at one end to said elongate member near said aperture and at an opposite end within said elongate member, said band passing through said aperture so as to form a loop.

15 24. A bag according to claim 22, wherein said elongate member includes two side apertures at one longitudinal end thereof, said band one end forming a loop outwardly of said elongate member, said band opposite end passing through said elongate
20 member and being adjustable by a biasing member mounted within the elongate member.

25 25. A bag according to claim 24, wherein said band is mounted at its said opposite end to a biasing member mounted within said elongate member, said biasing member outwardly biasing said band from said elongate member.

26. A bag according to claim 25, wherein said band is provided with a stopper, said elongate member comprising a shoulder, said stopper being adapted to abut said shoulder so as to position said band against said biasing member.

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27. A bag according to claim 26, wherein said stopper comprises a protrusion, said shoulder being formed by side-opening in said elongate member.

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28. A bag according to claim 25, wherein said biasing member comprises a tension spring.

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29. A bag according to claim 1, wherein said bag opening is configured to receive a discharge connector.

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30. A bag according to claim 29, wherein said discharge connector is selected from the group consisting of a rectangular discharge connector, a circular discharge connector, an oval discharge connector and a flexible discharge connector.

31. A bag according to claim 8, wherein said support member comprises a hanger-type handle.

32. A bag according to claim 1 wherein said opening having a removable portion providing said bag with a size selectable opening at an upper portion thereof.

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33. A bag according to claim 1, wherein said removable portion comprises a tearable section.

5 34. A bag according to claim 22, wherein one end of said elongate member comprising two side-apertures at one longitudinal end, said band one end forming a loop outwardly adjustable of said elongate member, said loop passing through said two side-apertures, said band opposite end passing within said elongate member, the band having lockable teeth and being outwardly
10 adjustable.

35. A bag according to claim 1, wherein said fluid being displaced by said fluid displacement device is selected from the group consisting of air, gas, liquids and a combination thereof.
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36. A bag according to claim 1, wherein said fluid displacement device comprises a device selected from the group consisting of a blower/vacuum, a blower, a lawn mower, a shredder, a ventilator, a gas exhaust pipe, a gas released from a compressed
20 vessel, a pneumatic gun, a pneumatic suction gun, a fluidic suction equipment, a power vacuum, a manually operated vacuum, and a combination thereof.

37. A bag for a fluid displacement device, said bag
25 comprising a bag-carrying arrangement for receiving a bag-carrying assembly and an opening adjacent to said bag-carrying arrangement for receiving a fluid-displacement portion of the fluid displacement device for entraining fluid and elements within said fluid therein.

38. A bag according to claim 37, wherein said bag-carrying arrangement is provided at a top portion thereof.

5 39. A bag according to claim 37, wherein said fluid-displacement portion comprises a discharge portion.

 40. A bag according to claim 37, wherein said bag comprises fluid vents.

10 41. A bag according to claim 40, wherein said fluid vents comprise perforations.

 42. A bag according to claim 37, wherein said bag-carrying assembly comprises a bag-carrying member.

15 43. A bag according to claim 42, wherein said bag-carrying member comprises a strap member.

20 44. A bag according to claim 37, wherein said bag-carrying assembly comprises a support member, said bag-carrying arrangement comprising a bag support means selected from the group of a single upper seam or of two adjacent seams defining an inlet configured to receive said support member therein.

25 45. A bag according to claim 44, wherein said two adjacent seams comprise upper and lower seams, said lower seam

comprising a downward portion providing for said opening to comprise a downward arrangement.

46. A bag according to claim 44, wherein said two
5 adjacent seams comprise upper and lower seams, said lower seam comprising a portion selected from the group of an upward oblique portion providing for said opening to comprise an upwardly slanted arrangement and a straight portion providing for said opening to comprise a sideward arrangement.

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47. A bag according to claim 44, wherein said upper seam of said inlet includes an opening for exposing a portion of said support member in said inlet, a strap member being mountable to said exposed portion of said elongate member.

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48. A bag according to claim 39, wherein said bag carrying assembly comprises a securing-member for securing said bag to said fluid displacement portion and about said opening.

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49. A bag according to claim 39 wherein said opening is centrally located flanked in-between two portions of said bag-carrying arrangement.

50. A bag according to claim 49, wherein a clamp-type support member secures said central opening and said bag-carrying arrangement to said fluid displacement portion and about said opening.

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51. A bag according to claim 50, wherein said clamp-type support member comprises securing member comprising cooperating jaws.

5 52. A bag carrying assembly for a bag for a fluid displacement device, said bag comprising a bag-carrying arrangement bag-carrying-member receiving elements and an opening for receiving a discharge portion of the fluid displacement device, said assembly comprising:

10 a support member comprising a longitudinal member for being mounted to the bag-carrying arrangement bag-carrying-member receiving elements;

 a securing-member mounted to said longitudinal member for securing the bag to the discharge portion about the
15 opening; and

 a bag carrying member mounted to said longitudinal main body.

 53. A bag carrying assembly according to claim 52,
20 wherein said securing-member is selected from the group consisting of an adjustable band, a loop, a fastener, a resilient band, a strap, a string, an alligator-type clamp, a wide jaw clamp, a clip, a ring, a lock, a fixed size collar, an adjustable size collar and combinations thereof.

25 54. A bag carrying assembly according to claim 52, wherein said support member comprises a member selected from the group of hollow elongate member comprising said securing member

comprising a band, and of clamp member comprising a securing member comprising cooperating jaws.

55. A bag carrying assembly according to claim 54,
5 wherein said elongate member includes an aperture at one longitudinal end thereof, said band being mounted at one end to said elongate member near said aperture and at an opposite end within said elongate member, said band passing through said aperture so as to form a loop.

10 56. A bag carrying assembly according to claim 54, wherein said elongate member includes two side-apertures at one longitudinal end thereof, said band forming a loop outwardly, said loop passing through said two side-apertures, said band opposite end passing within said elongate member, the band having lockable teeth
15 and being outwardly adjustable.

57. A bag carrying assembly according to claim 55, wherein said band is mounted at its said opposite end to a biasing member mounted within said elongate member, said biasing member
20 outwardly biasing said band from said elongate member.

58. A bag carrying assembly according to claim 57, wherein said band is provided with a stopper, said elongate member comprising a shoulder, said stopper being adapted to abut said
25 shoulder so as to position said band against said biasing member.

59. A bag carrying assembly according to claim 58, wherein said stopper comprises a protrusion, said shoulder being formed by side-opening in said elongate member.

5 60. A bag carrying assembly according to claim 57, wherein said biasing member comprises a tension spring.

61. A bag according to claim 52, wherein said bag-carrying member comprises a strap member.

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62. A bag according to claim 55, wherein said bag carrying member comprises a shoulder strap, said support member comprising an elongate member.

15 63. A bag according to claim 62, wherein said shoulder strap is mounted on said elongate member.

64. A bag according to claim 63, wherein said strap comprises a hook member, said elongate member comprising a
20 corresponding aperture.

65. A bag according to claim 62, wherein said strap member comprises a clip member for being clipped on said elongate member.

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66. A bag according to claim 54, wherein said elongate member comprising two apertures, one at each longitudinal ends, said band one end forming a loop outwardly adjustable of said

elongate member near first said aperture and passing through said elongate member to exit said second aperture, said band opposite end having a lockable portion.

5 67. A bag according to claim 54, wherein said elongate member comprising two side-apertures at one longitudinal end, said band one end forming an adjustable loop passing outwardly through said two side-apertures, said band opposite end passing through said elongate member and exiting an aperture at other
10 longitudinal end, said band opposite end having a lockable portion.

 68. A bag according to claim 56, wherein said elongate member comprising at one end a collar selected from the group of a fixed size collar, lockable collar, size-adjustable collar, collar
15 comprising a deflector, whereby said collar is configured to secure said bag opening to said fluid-displacement portion.

 69. A fluid displacement assembly comprising:
a fluid displacement device comprising a fluid
20 discharge portion;
a bag comprising a bag-carrying assembly comprising a bag-carrying arrangement adjacent to an opening for receiving said fluid-discharge portion of said fluid displacement device
25 whereby when said fluid-discharge portion is in fluid communication with said opening, fluid and any elements within said fluid may flow in and filtered fluid may exit of said bag.

70. An air displacement assembly according to claim 69, wherein said fluid being displaced by said fluid displacement device is selected from the group consisting of air, gas, liquids and a combination thereof.

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71. A fluid displacement assembly according to claim 69, wherein said fluid displacement device comprises a device selected from the group consisting of a blower/vacuum, a blower, a lawn mower, a shredder, a ventilator, a gas exhaust pipe, a gas released from a compressed vessel, a pneumatic gun, a quasiturbine, a pneumatic suction gun, fluidic suction equipment, a power vacuum, a manually operated vacuum, and a combination thereof.

72. A fluid displacement assembly according to claim 69, wherein said discharge portion is selected from the group consisting of a rectangular discharge portion, a circular discharge portion, an oval discharge portion and a flexible discharge portion.

73. A fluid displacement assembly according to claim 72, wherein said discharge portion of said blower-type fluid displacement device comprises a ducting assembly configured to reverse a blowing fluid-flow into a vacuuming fluid-flow for entraining fluid and any elements within said fluid into said bag.

74. A clamp for a bag that is to be mounted to a fluid displacement assembly, the bag comprising an opening for receiving a securing member, said securing member to secure the opening about a discharge portion of said fluid displacement assembly, said clamp

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comprising:

a body comprising a middle portion flanked by opposite panels respectively defining end portions, said middle portion being mountable about at least a portion of said securing member;

5 a pair of arms, each of said arms pivotally mounted at one end thereof to a said end portion of a respective said panel and comprising at an opposite end thereof a lockable portion.

75. A clamp according to claim 74, wherein said
10 body defines a first half-jaw, said pair of arms defining a second complementary and cooperating half-jaw.

76. A clamp according to claim 74, wherein said
middle portion comprises a semi-circle and said lockable portions
15 define a complementary semi-circle when mated.

77. A clamp according to claim 76, wherein each said lockable portions comprises a quarter-circle-shape collar.

20 78. A claim according to claim 74, wherein each said arm is hingeably mounted to said respective end portions.

79. A fluid displacement assembly comprising:
a bag comprising an inlet, said inlet comprising a
25 bifurcation defining first and second sub inlet;
a fluid displacement device comprising a fluid-blowing portion mountable to said second sub-inlet;
wherein when said fluid-blowing portion is inserted

within said second sub-inlet receiving end and blows fluid therein a vacuum is created within said bag providing said first sub-inlet to displace fluid and any elements within said fluid therethrough into said bag.

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80. A fluid displacement assembly
comprising:

a bag comprising an inlet

a connector configured as a conduit

10 mountable to said bag inlet comprising a conduit-inlet; said
conduit-inlet comprising a bifurcation defining first and
second sub inlet;

a fluid displacement device comprising a fluid-
blowing portion mountable to said second sub-inlet;

15 wherein when said fluid-blowing portion is
mounted to said second sub-inlet receiving end and blows air
therein a vacuum is created within said first sub-inlet
providing said connector to displace fluid and any elements
within said fluid therethrough into said bag.

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